



MODIS SCIENCE DATA SUPPORT TEAM PRESENTATION

October 15, 1993

AGENDA	Page
1. Action Items	1
2. MODIS Airborne Simulator (MAS) Status	2
3. MODIS Geolocation Status	3
4. CM for MAS Software	4
5. MODIS Meeting Calendar	5
6. MODIS SDST Document Schedule	7

ACTION ITEMS

No.	Due Date	Item
1	09/20/93	[Al Fleig, Paul Hubanks, Jim Storey] Prepare response to "MODIS pointing knowledge" for Dave Diner/Scientific Working group AMI Platform (SWAMP). STATUS: Open. (Assigned 09/03/93)
2.	09/30/93	[Al Fleig] Develop meta-documentation concept for ATBDs. STATUS: Open. (Assigned 09/03/93)
3.	10/08/93	[Al Fleig] Speak to Steve Unger on simulation data. Develop an approach for a plan for simulated test data. STATUS: Open. (Assigned 07/23/93)
4.	10/08/93	[Phil Ardanuy, Tom Goff] Enable an X-terminal to run CADRE at RDC. STATUS: Open. (Assigned 10/08/93)

MODIS Airborne Simulator (MAS) Status

Paul A. Hubanks

Progress through 14 October 1993

1. Got feedback from Liam Gumley on MAS Data User's Guide.
Ed Masuoka now 3rd author.
2. 12 July 1993 SCAR-A data processed.
3. Modified MAS production software to add 2 global variables in Metadata:
 - "SoftwareVersion"
 - For ASTEX tapes: Version 1.0
 - For SCAR-A tapes: Version 2.0
 - "CalibrationVersion"
 - For ASTEX tapes: ASTEX King 1.0
 - For SCAR-A tapes: SCAR-A King 0.0
4. MAS Level-1b Processing Status:
 - ASTEX: All King configured flights (10 days) processed.
Jedlovek configured flight (29May92) still in queue.
(Still to do: Need to add metadata in 3 (above) to the 10 ASTEX Level-1b output tapes)
 - SCAR-A: The 3 flights which were to be processed with the preliminary calibration are completed (12,16,28 July 1993).
Final SCAR-A calibration is expected to be released sometime in December, at which time all SCAR-A data will be reprocessed.
 - FIRE: Got final FIRE calibration from Tom Arnold this morning (Friday).
Production should begin next week.

MODIS Geolocation Status

Jim Storey

October 15, 1993

MODIS Input to SWAMP Report

I completed the first draft of the MODIS input to the Report of the Image Navigation Working Group to the Science Working Group of the AM Project (SWAMP) and provided it to Al Fleig this week. This report draws on several existing documents as well as recent discussions with Chris Justice to document the MODIS requirements for and approach to geolocation. I also sent e-mail to Dr. Sellers to make arrangements to attend the November SWAMP meeting where this report will be discussed.

CM for MAS Software

Sue Kaltenbaugh
October 15, 1993

Paul Hubanks and I have discussed the use of version numbers for the MAS software. Since the use of dates mentioned last time seemed to be confusing, we opted to go with version numbers of the form R.I where R is the release number and I is an increment within that release. We also agreed that the release numbers would be incremented with major software changes. These version numbers will be different from the version numbers for the SDST software to be delivered to EOSDIS.

Need: We need to have RCS and MAKE put on the system. (LTPINDIGO or some other machine?)

MODIS SDST Meeting Calendar

October 1993

Monday	Tuesday	Wednesday	Thursday	Friday
<div>Mtg. A: Masuoka, Fleig, Carpenter Mtg. B: Masuoka, Fleig, Barker</div>		<div>MODIS CDR, Goleta, CA Dec. 7-10, 1993</div>		8:30a: Science Team, B8, Auditorium
				1
2:30-3:30p: A 4-5p: B	3p: PGS Toolkit, B22, Rm166B	2P: PGS Toolkit, B22, Rm271	3-4p: Tech Team	10a: SDST, B22, Rm G95
4	5	6	7	8
Holiday			3-4p: Tech Team	10a: SDST, B22, Rm G95
11	12	13	14	15
2:30-3:30p: A			3-4p: Tech Team	10a: SDST, B22, Rm G95
18	19	20	21	22
2:30-3:30p: A			3-4p: Tech Team	10a: SDST, B22, Rm G95
25	26	27	28	29

MODIS SDST Meeting Calendar

November 1993

[illegible]

MODIS SDST Document Schedule

Document	Status	Estimated Completion	Responsible Individuals
ATBD meta-documentation	outline		Al
Configuration Management Plan	draft		Sue
Level 1A Preliminary Design Report			Tom, Jim, John
Level 1A Software Baseline Requirements	completed		Lloyd, Tom, Carl, Jim
Level 1B Requirements Report			Joann Harnden, J. Barker, Tom
Level 2 Shell Requirements Report	draft	Oct 22	J.J., John C.
MAS Level 1B Data Processing Guide	draft	Oct 29	Paul Hubanks
MAS Level 1B Data User's Guide	draft	science mtg.	Paul Hubanks
MODIS Earth Location Error Report	completed		Al, Jim, Paul
Operations Concept	revision		John, Carl, J.J., Jim, Tom
Prototyping Plan	outline submitted		Ed, Phil
Quality Assurance Plan	draft		Sue
Science Computing Facility Plan	completed		Ed Masuoka
Software and Data Management Plan	completed		Carl, Ed, Al, Lloyd
Software Guidelines/Programming Standards			Carl, Tom, John
Software Test Plan			Sue, Phil